



**United States Environmental Protection Agency  
Region 9 Laboratory**

**1337 S. 46th Street Building 201  
Richmond, CA 94804**

**Date:** 2/2/2012

**Subject:** Analytical Testing Results - Project R33911  
SDG: 12027B

**From:** Brenda Bettencourt, Director  
EPA Region 9 Laboratory  
MTS-2

**To:** Richard Fetzer  
US EPA Region 3, Eastern Response Branch (3HS31)  
R3-3HS31

Attached are the results from the analysis of samples from the **Dimock Residential Groundwater** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

**Analyses included in this report:**

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Purgeable Petroleum Hydrocarbons by GC/FID



United States Environmental Protection Agency  
**Region 9 Laboratory**

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

**Project Manager:** Richard Fetzner

**Project Number:** R33911

**Project:** Dimock Residential Groundwater

**S EPA Region 3, Eastern Response Branch (3HS3)**

**100 Gypsum Road**

**Stroudsburg PA, 18360**

**SDG:** 12027B

**Reported:** 02/02/12 10:37

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
FB01	1201031-01	Water	01/23/12 14:42	01/27/12 09:52
FB02	1201031-02	Water	01/24/12 12:11	01/27/12 09:52
HW04	1201031-03	Water	01/24/12 14:33	01/27/12 09:52
HW19	1201031-04	Water	01/23/12 17:47	01/27/12 09:52
HW19-P	1201031-05	Water	01/23/12 19:07	01/27/12 09:52
FB03	1201033-01	Water	01/25/12 10:01	01/28/12 10:05
HW02	1201033-02	Water	01/25/12 12:58	01/28/12 10:05
HW02z	1201033-03	Water	01/25/12 12:59	01/28/12 10:05
HW08a	1201033-04	Water	01/25/12 11:46	01/28/12 10:05

**SDG ID 12027B**

Purgeable Petroleum Hydrocarbons:

Insufficient sample volume was provided to perform a matrix spike / matrix spike duplicate set on any samples in this SDG. A sample duplicate analysis was performed on sample 1201033-01.

**Work Order(s)**

**1201031**

**1201033**



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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
<b>Lab ID: 1201031-01</b>						<b>Water - Sampled: 01/23/12 14:42</b>			
<b>Sample ID: FB01</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0066	01/27/12	01/27/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			101 %	76-121%		"	"	"	
<b>Lab ID: 1201031-02</b>						<b>Water - Sampled: 01/24/12 12:11</b>			
<b>Sample ID: FB02</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0066	01/27/12	01/27/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			102 %	76-121%		"	"	"	
<b>Lab ID: 1201031-03</b>						<b>Water - Sampled: 01/24/12 14:33</b>			
<b>Sample ID: HW04</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0066	01/27/12	01/27/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			102 %	76-121%		"	"	"	
<b>Lab ID: 1201031-04</b>						<b>Water - Sampled: 01/23/12 17:47</b>			
<b>Sample ID: HW19</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0066	01/27/12	01/27/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			100 %	76-121%		"	"	"	
<b>Lab ID: 1201031-05</b>						<b>Water - Sampled: 01/23/12 19:07</b>			
<b>Sample ID: HW19-P</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0066	01/27/12	01/27/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			101 %	76-121%		"	"	"	
<b>Lab ID: 1201033-01</b>						<b>Water - Sampled: 01/25/12 10:01</b>			
<b>Sample ID: FB03</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			98 %	76-121%		"	"	"	
<b>Lab ID: 1201033-02</b>						<b>Water - Sampled: 01/25/12 12:58</b>			
<b>Sample ID: HW02</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			106 %	76-121%		"	"	"	
<b>Lab ID: 1201033-03</b>						<b>Water - Sampled: 01/25/12 12:59</b>			
<b>Sample ID: HW02z</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			104 %	76-121%		"	"	"	
<b>Lab ID: 1201033-04</b>						<b>Water - Sampled: 01/25/12 11:46</b>			
<b>Sample ID: HW08a</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380



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<b>Project Manager:</b> Richard Fetzner	<b>S EPA Region 3, Eastern Response Branch (3HS3)</b>	<b>SDG:</b> 12027B
<b>Project Number:</b> R33911	<b>100 Gypsum Road</b>	<b>Reported:</b> 02/02/12 10:37
<b>Project:</b> Dimock Residential Groundwater	<b>Stroudsburg PA, 18360</b>	

**Sample Results**

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
<b>Lab ID: 1201033-04</b>						<b>Water - Sampled: 01/25/12 11:46</b>			
<b>Sample ID: HW08a</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
<i>Surrogate: a,a,a-Trifluorotoluene</i>			102 %	76-121%		B2A0072	01/30/12	01/30/12	

**Quality Control**

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2A0066 - 5030 P&T TPH-G - TPH - Purgeable						Prepared & Analyzed: 01/27/12				
						Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control				
Blank (B2A0066-BLK1)										
TPH as Gasoline	ND	U		50 ug/L						
Surrogate: a,a,a-Trifluorotoluene										
	123			"	125		99	76-121		
LCS (B2A0066-BS1)										
TPH as Gasoline	490			50 ug/L	500		98	75-114		200
Surrogate: a,a,a-Trifluorotoluene										
	134			"	125		107	76-121		
Batch B2A0072 - 5030 P&T TPH-G - TPH - Purgeable						Prepared & Analyzed: 01/30/12				
						Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control				
Blank (B2A0072-BLK1)										
TPH as Gasoline	ND	U		50 ug/L						
Surrogate: a,a,a-Trifluorotoluene										
	134			"	125		107	76-121		
LCS (B2A0072-BS1)										
TPH as Gasoline	486			50 ug/L	500		97	75-114		200
Surrogate: a,a,a-Trifluorotoluene										
	140			"	125		112	76-121		
Duplicate (B2A0072-DUP1)						Source: 1201033-01				
TPH as Gasoline	ND	U		50 ug/L		ND				20
Surrogate: a,a,a-Trifluorotoluene										
	130			"	125		104	76-121		



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**Qualifiers and Comments**

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.